

Management Practices in Regulation To Prevent/Minimize Pesticide Movement to Ground Water

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DPR GW Regulations Revised May 2004

1. Permit for use of known contaminant (6800(a) list)
County Agricultural Commissioner issues permits

in GWPA

- Leaching, coarse soils - 5 options
- Runoff, hardpan soils - 9 options
- Rights of way - 11 options
 - Issuance of Storm Water Permit is an option

2. Statewide

- Canals, ditch banks, and recharge areas - 2 options
- Well head protection for rural wells

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Leaching - 5 options

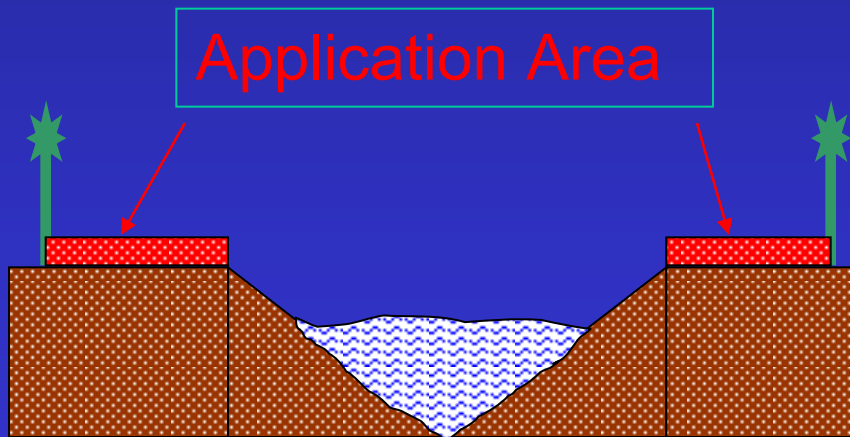
1. Do not irrigate for 6 months after application



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Leaching - 5 options

1. Do not irrigate for 6 months after application
2. Do not allow irrigation water to contact treated area for 6 months (application to berms)



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Leaching - 5 options

1. Do not irrigate for 6 months after application
2. Do not allow irrigation water to contact treated area for 6 months (application to berms)
3. Irrigate efficiently for 6 months after application with minimum efficiency of 80% at each irrigation.



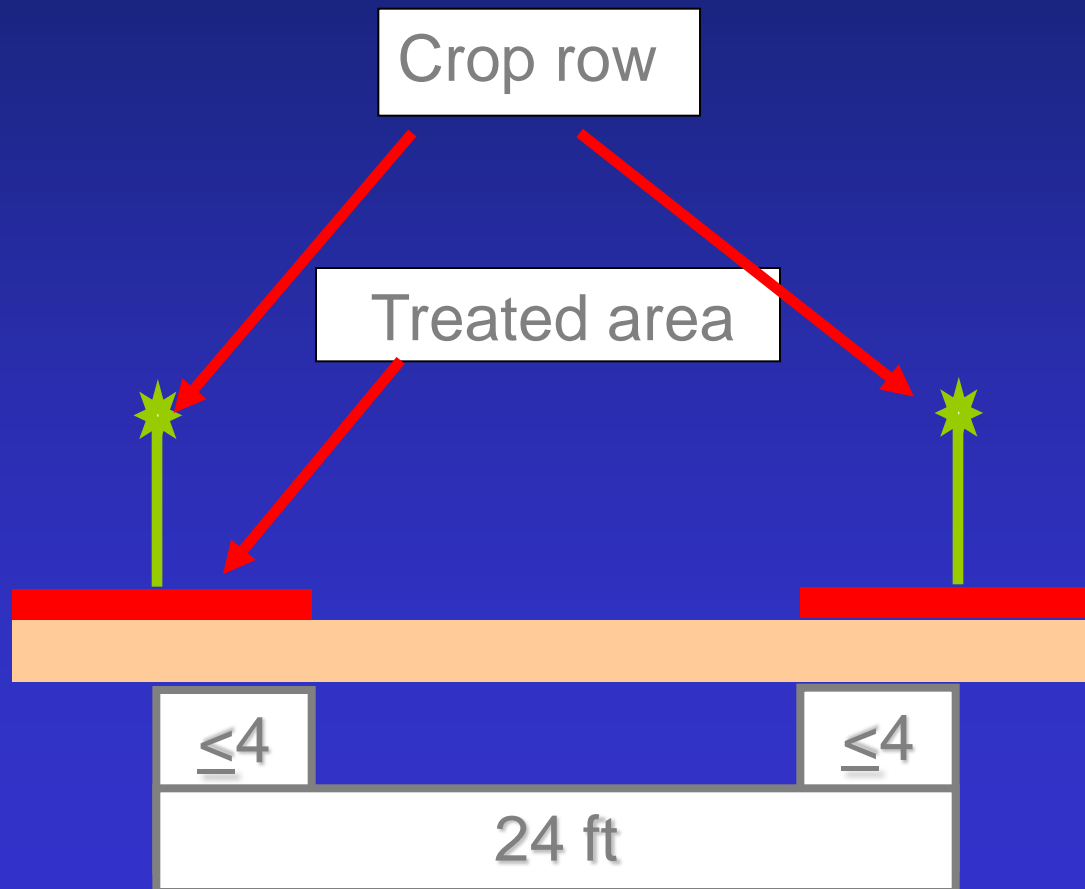
Leaching – 5 options

1. Do not irrigate for 6 months after application
2. Do not allow irrigation water to contact treated area for 6 months (application to berms)
3. Irrigate efficiently for 6 months after application
4. Implement a Scientific-based management practice approved by the Director
5. If none are feasible, 3-year use with approved protocol for testing management practice

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Runoff - 9 options

1. Apply in a band not to exceed 33% of distance between crop rows



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Runoff - 9 options

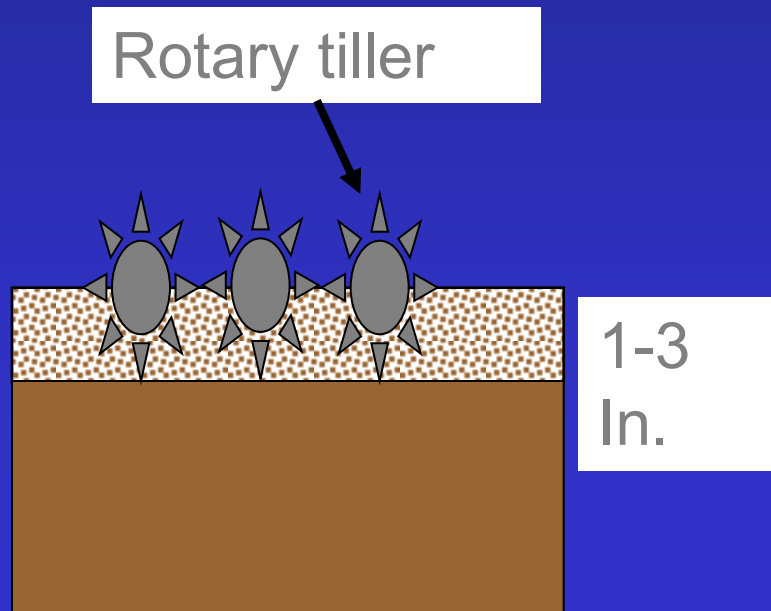
1. Apply in a band not to exceed 33% of distance between crop rows
2. Disturb soil within 7 days before application (not an option for bentazon)



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Runoff - 9 options

1. Apply in a band not to exceed 33% of distance between crop rows
2. Disturb soil within 7 days before application (not an option for bentazon)
3. Incorporate pesticide on 90% of the treated area within 48 hours after the day of application.



Runoff - 9 options

1. Apply in a band
2. Disturb soil within 7 days before application
3. Incorporate pesticide on 90% of the treated area within 48 hours.
4. Apply between April 1 and July 31.
5. Store runoff *onsite* for 6 months in low percolation (≤ 0.2 in/hr) basin.
6. Water stored *offsite* for 6 months in low percolation (≤ 0.2 in/hr) basin.
7. Channel runoff onto an unirrigated fallow field for 6 mo. after application.
8. Implement an approved scientific-based management practice.
9. 3-year use with testing new management practice.